

GLAZYGIN, V. G.

Glazygin, V. G. -- "The Study of Electromagnetic induction in the Physics Course of the Intermediate School." Scientific Inst. of Teaching Methods, Academy of Pedagogical Science: MTCF. Moscow, 1946. (Dissertation for the Degree of Candidate in Pedagogical Sciences).

To: Knizhnaya Letopis', No. 11, 1950, pp 13-14

GLAZYRIN, V.G. (Molotov)

Study of electromagnetic induction in the 7th class. Fiz.v shkole
16 no.1:28-34 Ja-Fe '56. (MIRA 9:3)
(Induction (Electricity)--Study and technig)
(Magnetic induction--Study and teachning)

1977-1978

X: Long-term trends in the incidence of non-communicable diseases, 2000-2010

APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000500020014-9"

30V/58-59-5-11978

Translation from Referativnyy Zhurnal Fizika, 1959, Nr 5, p 292 (USSR)

AUTHOR: Glazyrin, V M

TITLE: Electric Photometer With Phototube

PERIODICAL: Izv. kh.-vo, 1958, Nr 10, p 79

ABSTRACT: The author describes a simple photoelectric luxmeter for relative measurements of illumination. This device consists of an STsV-316 phototube, a sensitive M-322 galvanometer, a potentiometer for the setting up of 100% reading, and a 13.5 V battery. The galvanometer dial is calibrated in percents.

Yu M Kutev

()

Card 1/1

I 9487-66 ENT(d)/ENT(m)/EWP(u)/EWP(t)/EWP(k)/EWP(h)/EWP(l)/EWA(h)/EWP(b) JD
 ACC NR: AP5026775 SOURCE CODE: UR/02H6/65/000/017/0061/0061

INVENTOR: Vykhukholev, V. F.; Glazyrin, V. N.; Il'in, A. T.; Kozlov, I. I.;
 Yakushin, I. A.; Davletkhanov, R. B.

22
B

ORG: none

TITLE: Book-fold casting machine for thin-walled large parts. Class 31, No. 174340

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 17, 1965, 61

TOPIC TAGS: casting, book fold casting, thin wall part, large part, part casting

ABSTRACT: This Author Certificate introduces a machine for book-fold casting of large thin-walled parts. The machine (see Fig. 1) contains two movable molds mounted on a frame, forming the upper part of the liquid metal container. To regulate the

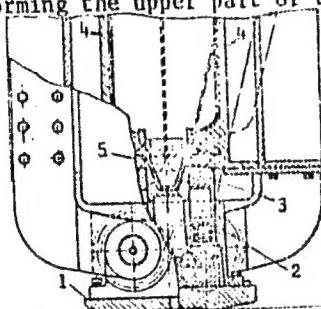


Fig. 1. Casting machine

1 - Welded frame; 2 - interchangeable base;
 3 - supports; 4 - mold; 5 - container.

Card 1/2

UDC: 621.74.043.2

L 9487-66

ACC NR: AP5026775

volume of the container, the machine is provided with an interchangeable base mounted on the frame and supports which form the bottom of the container. To ensure a close fitting of supports with molds, the supports are pressed against the mold by springs and the upper part of the supports has a configuration ensuring close contact with the molds during mold rotation. Orig. art. has: 1 figure. [AZ]

SUB CODE: 13/ SUBM DATE: 26Dec63/ ATD PRESS: 4164

lch
Card 2/2

PADERIN, N.D.; GLAZYRIN, Ye.K.

Phlegmonous gastritis; cure. Khirurgia no.3:75 Mr '54. (MLRA 7:5)
(STOMACH, diseases
*phlegmon, ther.)
(PHLEGMON,
*stomach, ther.)

GLAZYRIN, Ye.K.

Method for the simultaneous examination of stereoradiograms by two
observers using one roentgenstereoscope. Vest.-rent. 1 rad. 33
no. 3:69 My-Je '58 (MIRA 11:8)
(X RAYS--EQUIPMENT AND SUPPLIES)

GLAZYRIN, Ye.K., podpolkovnik meditsinskoy sluzhby; MURIVEV, N.A.,
kapitan meditsinskoy sluzhby

Result of a study of military personnel with the aim of detecting
march periostitis of the tibia. Voen.-med.zhur. no.10:69-71 O '59.

(PERIOSTITIS, diagnosis)
(ARMED FORCES PERSONNEL, diseases)

(MIR 13:3)

"APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000500020014-9

Yurii Nikolaevich Glazyrin, 1924-1961; obituary. Mat. po gool. i pol. iskop.
Kras. kraia no. 3:266-267 '62. (MIRA 17:2)

APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000500020014-9"

LYUBER, Aglaida Andreyevna; KUSHIN, G.L., redaktor; GLAZYINA, D., redaktor;
OSADCHIY, F., redaktor; ROROKINA, Z., tekhnicheskij redaktor

[Spore and pollen atlas of Paleozoic deposits in Kazakhstan] Atlas
spor i pyl'tay paleozoiskikh otlozhenii Kazakhstana. Alma-Ata, Izd-
vo Akademii nauk Kazakhskoi SSR, 1955. 125 p. (NIRA 9:3)
(Kazakhstan--Paleobotany)

SOKOL'SKIY, D.V., redakteur; GLAZYRINA, D.M., redakteur; ROROXINA, Z.P.,
tekhnicheskiy redakteur.

[Catalytical hydrogenation and oxidation] Kataliticheskoe gidriro-
vaniye i okislenie. Alma-Ata, Izd-vo Akademii nauk Kazakhsskei SSR,
(MIRA 9:4)
1955. 295 p.

1. Deystvitel'myy chlen AN Kazakhsskey SSR (for Sokol'skiy).
2. Konferentsiya po kataliticheskemu gidrirovaniyu i okisleniyu.
(Hydrogenation) (Oxidation)

KOZLOVSKIY, Mikhail Tikhonovich; GLAZYRINA, D.M., redaktor; USANOVICH,
M.I., redaktor; FEDOROV, N.V., tekhnicheskij redaktor.

[Mercury and amalgams in electro-chemical methods of analysis]
Rtut' i amal'gamy v elektrokhimicheskikh metodakh analiza. Alma-
Ata, Izd-vo Akademii nauk Kazakhskoi SSR, 1956. 185 p. (MLRA 9:4)
(Mercury) (Amalgams) (Electrochemistry)

VULIS, L.A., prof., doktor tekhn.nauk, red.; GLAZYRINA, D.K., red.;
ROROKINA, Z.P., tekhn.red.

[Studies in the physical foundation of operational processes of
combustion chambers and furnaces] Issledovanie fizicheskikh osnov
rabochego protsessa topok i pechei. Pod red. L.A.Vulisa. Alma-Ata,
(MIRA 10:12)
1957. 469 p.

1. Akademiya nauk Kazakhskoy SSR, Alma-Ata.
(Combustion)

Chugay, A.

CHUGAY, Aleksandr Maksimovich, starshiy nauchnyy sotrudnik; SAVRANCHUK,
Petr Terent'yevich; BABENKO, Nikolay Vasil'yevich; ROZENTAL',
Yu.M., kand.ekon.nauk, otvetstvennyy red.; BRAILOVSKAYA, M., red.;
GLAZYRINA, D., red.; ROROKINA, Z., tekhn.red.

[Economic aspects of reed-panel work] Bronomika kamyshitovogo
proizvodstva. Otvetstvennyi redaktor IU.M.Rozental'. Alma-Ata,
Izd-vo Akad. nauk Kazakhskoi SSR, 1958. 210 p. (MIRA 11:5)

1. Institut ekonomiki Akademii nauk Kazakhskoy SSR (for Chugay)
(Rush work)

ANDRIANOVA, K.I.; ZYKOV, D.A.; USPANOV, U.U.; GLAZYRINA, D.M., red.;
ALFEROVA, P.F., tekhn.red.

[Proceedings of the joint scientific session in Kustanay devoted
to the problems of the Turgay regional economic complex] Trudy
Ob"edinennoi Kustanaiskoy nauchnoy sessii, posvyashchennoi
problemam Turgayskogo regional'no-ekonomicheskogo kompleksa. Vol.1
[Materials of the agricultural section] Materialy sel'skokhozaiatven-
noi sektsii. Alma-Ata, Izd-vo Akad.nauk Kazakhskoi SSR. 1958. 239 p.
(MIRA 12:2)

1. Ob"edinennaya Kustanayskaya nauchnaya sessiya, posvyashchennaya
problemam Turgayskogo regional'no-ekonomicheskogo kompleksa. Kustaney,
1957. 2. Ministerstvo sel'skogo khozyaystva KazSSR (for Andrianova).
3. Institut pochvovedeniya Akademii nauk KazSSR (for Uspanov). 4. Aka-
demiya nauk KazSSR (for Zykov).
(Kustanay Province--Agriculture)

SATPAYEVA, Taisiya Alekseyevna; BOK, I.I., akademik, otv.red.; GLAZY-
RINA, D.M., red.; ROROKINA, Z.P., tekhn.red.

[Genetic characteristics of deposits of the copper sandstone
type in connection with the mineralogical composition of their
ores] Geneticheskie osobennosti mostorozhdenii tipa medistykh
peschanikov v sviazi s mineralogicheskim sostavom ikh rud. Otv.
red. I.I.Bok. Alma-Ata, Izd-vo Akad.nauk Kazakhskoi SSR, 1958.
240 p. (MIRA 13:4)

1. AN KuzSSR (for Bok).
(Ore deposits)

SATPAEVA, Taisiya Alekseyevna; BOK, I.I., akademik, otvetstvennyy red.;
GLAZYRINA, D.M., red.; ROROKIMA, Z.P., tekhn. red.

[Mineralogical features of copper-bearing sandstone deposits]
Mineralogicheskie osobennosti mestorozhdenii tipa medistykh
peschanikov. Otvetstvennyi red. I.I. Bok. Alma-Ata, Izd-vo
Akad. nauk Kazakhskoi SSR, 1958. 240 p. (MIRA 11:8)

1. Akademiya nauk KazSSR (for Bok).
(Copper ores)

MEL'NIK, A.F., mladehiy nauchnyy sotrudnik; MUSHEGYAN, A.M., kand.biolog.
nauk; HUBANIK, V.G., kand.biolog.nauk; SUVOROVA, R.I., red.;
GLAZIRINA, D.M., red.; ALFEROVO, P.F., tekhn.red.

[Trees and shrubs at the Alma-Ata Botanical Garden] Derev'ya i
kustarniki Alma-Atinskogo botanicheskogo sada. Pod red. A.M.
Mushegiana. Alma-Ata, 1959. 274 p. (MIRA 13:4)

1. Akademiya nauk Kazakhskoy SSR, Alma-Ata. Botanicheskiy sad.
(Alma-Ata--Arboretums)

KRISYUK, Eduard Mekislavovich; SERGEYEV, Aleksandr Sergeyevich; LATYSHEV,
Georgiy Dmitriyevich; GLAZYRINA, D.M., red.; PROKHOROV, V.P.,
tekhn.red.

[Active deposit of radiothorium] Aktivnyi osadok radiotoriia.
Alma-Ata, Izd-vo Akad.nauk Kazakhskoi SSR, 1960. 81 p.
(MIRA 13:11)
(Thorium--Isotopes)

BYKOV, Boris Aleksandrovich; GLAZYRINA, D.M., red.; ALFEROVA, P.Y.,
tekhn.red.

[Dominant species in the plant cover of the Soviet Union]
Dominantnye rastitel'nogo pokrova Sovetskogo Soiuza. Alma-Ata,
Izd-vo Akad.nauk Kazakhskoi SSR. Vol.1. 1960. 314 p.
(MIRA 13:11)

(Plant communities)

SATPAYEV, K.I., akademik, glavnnyy red.; KUZNETSOV, Yu.A., zam.glavnogo red.;
MONICH, V.K., prof., doktor, otv.red.; SUVOROVA, R.I., red.;
GLAZYRINA, D.M., red.; RZHOMDKOVSKAYA, L.S., red.; BRAILOVSKAYA,
M.Ya., red.; ALFEROVA, P.F., tekhn.red.

[M.A.Usov's basic ideas on geology; papers in memory of Academician
Mikhail Antonovich Usov] Osnovnye idei M.A.Usova v geologii;
sbornik posviashchen svetloei pamyati akademika Mikhaila Antonovicha
Usova. Alma-Ata, 1960. 540 p. (MIRA 13:12)

1. Akademiya nauk Kazakhskoy SSR, Alma-Ata. Institut geologicheskikh
nauk. 2. Chlen-korrespondent AN SSSR (for Kuznetsov).
(Geology)

GALUZO, I.G., akademik, otd. red.; GVOZDEV, Ye.V., red. tom; BOYEV,
S.N., akademik, red.; CHLOT, N.P., red.; PANIN, V.Ya., red.
PETROV, V.S., red.; SHEVCHENKO, V.V., red.; GLAZKINA, D.M.,
red.; KOROKINA, Z.P., tekhn. red.

[Natural focus of diseases and problems of parasitology] Pri-
rodnaia ochagovost' bolezni i voprosy parazitologii; trudy.
Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR. No.3. 1961.
663 p.
(MIRA 15:3)

1. Konferentsiya po prirodnoy ochagovosti bolezney i vopro-
sam parazitologii Kazakhstana i respublik Sredney Azii. 4th,
Alma-Ata, 1959. 2. Institut zoologii Akademii nauk Kazakhskoy SSR
(for Galuzo, Boyev, Gvozdev, Shevchenko).
(PARASITOLOGY) (MEDICAL GEOGRAPHY)

BYKOV, Boris Aleksandrovich; GLAZYRINA, D.M., red.; MOSKVICHIEVA, L.N.,
red.; ROROKINA, Z.P., tekhn. red.

[Dominant species in the plant cover of the Sov'et Union] Domi-
nanty rastitel'nogo pokrova Sovetskogo Soiuza, Almn-Ata, Izd-vo
Akad. nauk Kazakhskoi SSR. Vol.2. 1962. 434 p. (MIRA 15:6)
(Plant communities)

SCHOL'STY, Dmitriy Vladimirovich; GLAZKINA, L.M., red.; BOZHINA,
Z.P., tekhn. red.

[Hydrogenation in solutions] Gidrirovnie v rastvorakh. Alma-
Ata, Izd-vo AN KazSSR, 1962. 484 p. (MIRA 15:10)
(Hydrogenation)

PRESNYAKOV, Aleksandr Aleksandrovich; GRINMAN, I.G., otv. red.;
GLAZYRINA, D.M., red.; KHUDYAKOV, A.G., tekhn. red.

[Physical nature of plasticity anomalies in metal alloys]
Fizicheskaja priroda anomalii plastichnosti u metallicheskikh splavov. Otv. red. I.G. Grinman. Alma-Ata, Izd-vo
Akad.nauk Kazakhskoi SSR, 1963. 63 p. (MIRA 16:4)
(Nonferrous alloys--Testing) (Plasticity)

CHERNOBROV, S.M., otv. red.; LASKORIN, B.N., red.; KLYACHKO, V.A.,
red.; MATEROVA, Ye.A., red.; LANGE, A.Z., red.; VITTIKE,
E.V., red.; SHOSTAK, F.T., red.; SAVENKO, O.D., red.;
ZYKOVA, V.V., red.; GLAZIRINA, D.M., red.; ALFEROVA, P.F.,
tekhn. red.

[Theory and practice of ion exchange] Teoriia i praktika ion-
nogo obmena; trudy. Alma-Ata, Izd-vo AN Kaz.SSR, 1963. 186 p.
(MIR 17:3)

1. Kazakhstanskoye respublikanskoye nauchno-tekhnicheskoye so-
veshchaniye po ionnomu obmenu. 1962. (MIRA 17:3)

SOKOL'SKIY, D.V., akademik, glav. red.; PCHOVA, L.N., kand. khim. nauk, red.; TAKIMAYEV, G.B., kand. khim. nauk, red.; BULAVINA, L.A., kand. khim. nauk, red.; GRELITKINA, G.F., kand. khim. nauk, red.; DZHARBAISALIYEVA, K.K., kand. khim. nauk, red.; GLAZYRINA, D.N., red.; HOROKINA, Z.P., tekhn.red.

[Catalytic reactions in the liquid phase] Kataliticheskie reaktsii v zhidkoi faze; 'rady Vsesoyuznoi konferentsii. Alma-Ata, Izd-vo AN Kaz.SSR, 1963. 40 p. (MIA 16:12)

1. Vsesoyuznaya konferentsiya po kataliticheskym reaktsiyam v zhidkoy faze, Alma-Ata, 1961. 2. Kazakskiy tehnologicheskiy institut i Institut khimicheskikh nauk AN KazSSR (for Sokol'skiy).

(Catalysis)

GLADYSHEV, Georgiy Pavlovich; RAFIKOV, S.R., akademik, otr.
red.; GLAZIINA, D.M., red.; KOVALEVА, I.F., red.;

[Polymerization of vinyl monomers] Polimerizatsiya vinil'-
nykh monomerov. Alma-Ata, Izd-vo AN Kaz.SSR, 1964. 321 p.
(MIRA 17:7)

1. Akademiya nauk Kaz.SSR (f "Raifikov").

"APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000500020014-9

APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000500020014-9"

KALACHEV, Nikolay Stepanovich; LAVRENT'YEV, Iosif Ivanovich;
LITVINOV, Vasilii; CHUKIN, Stepan, energetik, red.; P. TURB.,
A.S., red.; GLAZYREVA, L.N., rev.

[Cadastral survey of water-power resources of the river
of the Kuzak. S.S.R.; potential resources. Vodno-energo-
ticheskii kadastr rek Karakiskoi SSR; potentialnye re-
sursy. Alma-Ata, Nauka, 1965. 7M.] (CIA 1747)

i. Akademiya nauk Kazakhstana SSR. (for Chukin).

BYKOV, Boris Aleksandrovich; GLAZUNINA, N.M., red.

[Dominant plants of the plant cover of the Soviet Union]
Dominantly rastitel'nogo pokrova Sovetskogo Soiuza. Alma-
Ata, Nauka. Vol.3. 1965. 460 p. (MirA 186)

GORYAYEV, Mikhail Ivanovich, akademik; PLIVA, Iosif. Prinimali
uchastiye: TOLSTIKOV, G.A.; LISHTVANOVA, L.N.; GEROUT, V.
[Heroit,V.]; KAYL, B.[Kajl, B.], doktor khim. nauk; NAVOTNY, L.
[Novotna, L.], doktor khim. nauk; GLAZYRINA, D.M., red.;
ALFEROVA, P.F., tekhn. red.

[Methods of studying essential oils] Metody issledovaniia efir-
nykh masel. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1962. 750 p.
(MIRA 15:7)

1. Institut khimicheskikh nauk Akademii nauk Kazakhskoy SSR (for
Goryayev, Tolstikov, Lishtanova). 2. Chlery-korrespondenty Akademii
nauk Chechoslovakii (for Pliva, Gerout). 3. Institut organicheskoy
i biologicheskoy khimii Chechoslovatskoy Akademii nauk (for Pliva,
Gerout, Kayl, Navotnyy).

(Essences and essential oils)

BLATNIK, G. I.

"The Effect of Prolonged Sleep on Some of the Electrocardiographic Data, on the Functioning of the Myocardium of Rats and Under Conditions of the Development of Fat Systrophy due to Phosphorus," Chair of Pharmacology, Saratov ~~xxxi~~ Med. Inst., Saratov, Tols. 16, No. 1, pg. 1-16, 1950

"...the disturbance of the function of the heart is found to occur prior to the max accumulation of fat in the heart muscle. Strengthening of the cortical vasoconstriction process that has been brought ~~xxx~~ about by administration of barbituric acid (benzodiazepine) in a dose of 35 mg/kg prevents development of acute disturbances of the heart after introduction of P in the quantities involved."

b4pl4

VOLYNSKIY, B.G.; FREYDMAN, S.L.; GLAZYREVA, G.A.; KUZ'YINA, E.A.;
KUZNETSOVA, S.G.; GVOZDKOV, A.V.

Use of vitamins in some toxications under experimental conditions.
Trudy Sar. gos. med. inst. 26:119-121 '59. (MIRA 14:2)

1. Saratovskiy meditsinskiy institut, kafedra farmakologii
(zav. - dotsent B.G. Volynskiy).
(POISONS--PHYSIOLOGICAL EFFECT)
(VITAMIN THERAPY)

GLAZYRINA, G.A.

Amount and percentage of absorption of ascorbic acid in the blood
of rabbits in phosphorus intoxication. Trudy Sar. gos. med. inst.
26:126-127 '59. (MIRA 14:2)

1. Saratovskiy meditsinskiy institut, kafedra farmakologii (zav. --
dotsent B.G. Volynskiy).
(ASCORBIC ACID) (PHOSPHORUS--TOXICOLOGY) (BLOOD)

04.02.1970

— 5 —

CC
CATEGORY:

ANS. JOUR. | RZ:Stol., No. 1958, 80.

FILE:

ORG. PUBL.:

PERIODICAL

Card#:

SLAYTERA, L., Card No. 301-22 (class) "in the profile
of the normal regulation of catalytic activity in ³²P
case of immunization with protein antigen." (Belgian),
by Dr. L. L. Goveas, Dept. of Biochemistry, University of
Peru (Lima), 1963 (10 pgs., 1 fig., 1 tab.)

- 77 -

L 11958-65 EWT(m)/EPP(c)/EP(P(l))/
AEDC(a)/AS(mp)-2 RM/MLK

Pc-l/Pr-l/Pb-4

(b)/SSD(a)/

ACCESSION NR: AT4048192

8/0000/04/000/000/ 109/011

AUTHOR: Baranova, V. G., Pankov, A. G., Khraplin, R. G., Glazyrina, R. V.,
Belyayeva, V. D., Obeshchalova, N. V., Dolgova, N. A., Kresteva, M. F.,
Mishina, A. V., Ivoylova, M. A.

TITLE: The use of gas chromatography in the production of monomers for synthetic
rubber

SOURCE: Vsesoyuznaya nauchno-tehnicheskaya konferentsiya po gazovoy khromatop-
grafii. 2d, Moscow, 1962. Gazovaya khromatografia (Gas chromatography), trudy
vsesoyuznogo nauchno-tekhnicheskogo zashchitnogo komiteta SSSR po voprosam
tehnicheskoy radiotekhniki. Tsvetnoye izdatelstvo Nauka. 1964. 109-115

trations are involved (e.g. 100 Card 1/3

L 14958-65

ACCESSION NR: AT4048192

Chromatographic equipment with a katherometer is indicated for substances with a boiling point above 40-45C, those which dissolve easily in alkali or where low concentrations (less than 1%) have to be determined. This equipment is described and illustrated (chromatographic separation of complex mixtures from hexene demethylation or of piperylene in isoprene concentrate). The sensitivity threshold may be increased by using a thermo-chemical monitor (from the Kh-2M apparatus). Standard calibration with an artificial mixture is required for this equipment. The calibration coefficient, variations of concentration and some modi-

"APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000500020014-9

centers or catalytic isoprene polymerization
stage. Orig. art. has: 2 tables and 4 figures.

ASSOCIATION: None

Cord 2/3

L 11958-65

ACCESSION NR: AT4048192

SUBMITTED: 16Jul64

ENCL: 00

NO REF SOV: 005

OTHER: 004

SUB CODE: O^rMT

APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000500020014-9"

GLAZYRINA, V.V. (Chelyabinsk)

Using pachycarpine in the treatment of septic and duodenal ulcer.
Klin.med. 35[1.e.34] no.1 Supplement:18 Ja '97. (MIR 11:2)

1. Iz kafedry gospital'noy terapii (zav. - prof. G.P.Blagman)
Chelyabinskogo meditsinskogo instituta (dir. - prof. G.D.Obraztsov)
na baze I Dorozhnoy bol'nitsy Yuzhno-Ural'skoy zheleznoy dorogi (nach.
O.D.Shil'nikova.
(PEPTIC ULCER) (SPASITELN)

Glazuk!

/O

S ACCELERATED METHODS OF NITRIDING TOOL STEELS AND NITRALLOY
35KhMYuA. N.N. Lipchin and I.E. Glazuk. (Metallurg, 1959,
No. 6, pp. 47-53). (In Russian). Nitriding tests under
laboratory and works conditions on quenched and tempered chro-
mium-tungsten-vanadium, chromium-molybdenum, chromium-
tungsten and chromium-vanadium tool steels and nitralloy
36KhMYuA (carbon 0.31%, silicon 0.21%, manganese 0.43%,
aluminium 1.38%, chromium 1.64%, molybdenum 0.78%) are
described. Hardness tests showed that satisfactory cases
could be obtained. The three-stage nitriding at 600-600°C shortened
the nitriding time by about 60% as compared with nitriding
at 480-500°C for the same depth of case. Anilino or pyridine
as catalysts were about equally effective in the three-stage
process. Nitriding at 630°C gave only a thick case, but with
reduced surface hardness. This may be suitable for not very
highly stressed tools used at elevated temperatures. Machining
tests with nitrided tools demonstrated their superior stability,
except when high loading occasionally resulted in the breaking
away of the case at the tool tips. Nitriding of pressure-draw casting
then prolonged their life and prevented boron or silicon from sticking

to them. Nitriding also eliminated the need for quenching and tempering the dies and the attendant possibility of deformations and increased cost.

G-192-yuk, 10/10

USSR/ Engineering - Turbine testing

Card 1/1 : Pub. 128 - 6/28

Authors : Fuks, M. Ya., Cand. of Phys.-Math. Sc.; and Glashyuk, I. K., Eng.

Title : Deflection of turbine shafts and rotors during heat tests

Periodical : Vest. mash. 35/6, 30 - 34, Jun 1955

Abstract : Results of tests and experiments conducted for the past several years on the causes and characteristics of deflection of turbine shafts and rotors in a heated state, are presented. Individual experiments, types of steels used and temperatures, and the magnitude and characteristics of deflections, are described. Three references: 2 USSR and 1 USA (1941-1947). Drawing; graphs.

Institution :

Submitted :

Card 1/1

BULGARIA / Farm Animals. Small Horned Stock.

Q-2

Abstr Jour: Ref Zhur Biol., No 23, 1958, 1. Edn.

Author : Gavov, T., Tanev, Iv., Galabov, M.
Inst : Institute of Animal Husbandry, Bulgaria
Title : Development of Sheep Breeding and Ways for Its Improvement.

Craig Ref: Izv. Inst. zhivotnovlastvo. Ser. 1. AM, 1957,
kn. 8, 37-64.

Abstract: No abstract.

"APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000500020014-9

GUL'KOV, S.

SEE GUL'KOV, Simeon

APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000500020014-9"

AUTHOR: Gleb, A.Ya., Engineer.

104-4-26/40

TITLE: The automation of soot-blowing. (Avtomatizatsiya obdrevki)

PERIODICAL: "Elektricheskie Stantsii" (Power Stations), 1957,
Vol. 28, No.4, pp. 79 - 80 (U.S.S.R.)

ABSTRACT: In 1955, soot-blowing equipment types ONP-5 and ONK-7 were installed in a heat and electric power station in Estonia. At first the process of soot blowing was carried out manually by a handle on the actual apparatus. The electrical control circuit of the equipment had a number of faults and did not provide for automation of soot blowing. The author suggested that the whole process of soot-blowing should be made automatic and a special controller was constructed for automatically starting up, reversing and stopping soot-blowing equipment. The controller can take care of 20 soot-blowing devices. This note describes the construction of the controller in some detail and illustrates it with sketches and a connection diagram. Automatic control of soot-blowing with this equipment has been in operation on five boilers in the power station for six months and the controller has worked quite satisfactorily. The stage of the operation that has been reached is evident from inspection of the equipment and there is no need for light signals. There are 5 figures.

1/1
AVAILABLE:

SV-91-58-9-5/29

AUTHORS: Gleb, A.Ya. and Chernya, N.D; Engineers

TITLE: Centralizing the Control of Fuel Feeding Mechanisms (Tsentrallizatsiya spravleniya po khodimosti toplivopodachi)

SERIALIZED: Energetik, 1954, Nr 3, pp 12-15 (USSR)

ABSTRACT: The "Uralsenerg" Thermal Electric Plant's fuel feed system, used to transport fuel from the unloading bunkers along the conveyor belts to the boilers, was previously controlled manually and necessitated the presence of a large number of service personnel. In 1956, the plant began to centralize the control of the fuel transporting mechanisms. The authors describe the various methods by which this was achieved. By replacing and renewing some of the existing equipment, adopting a block lay-out and concentrating all the controls together on one central panel, the fuel feed was made almost completely automatic. The whole process could be controlled by 1-2 persons from the central switch board. There are 4 schematic diagrams, 1 diagram and 1 figure.

1 Fuels--Handling 2. Fuels--Control systems 3. Feed mechanisms
--Effectiveness 4. Boilers--Equipment

Card 1/1

0901-2053

I-6383-66 EWT(1)/EWA(h)
ACC NR: AP5026752

SOURCE CODE: UR/0288/65/000/017/0027/0027

INVENTOR: Gleb-Koshanskiy, G. K.

d9
Q3

ORG: none

TITLE: A non-contact high-frequency phase inverter. Class 21, No. 174232

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 17, 1965, 27

TOPIC TAGS: phase shifter, electric rotating equipment

ABSTRACT: This Author's Certificate introduces a 360° non-contact high-frequency phase inverter made in the form of two rotating transformers and a summation unit. The band width is increased by short-circuiting the stator windings of the transformers, each of which is made up of two identical halves with irregular spacing of the turns. The primary winding is stationary within the stator ring.

UDC: 621.317.77

SUB CODE: EC,EE/ SUBM DATE: 20Apr64/ ORIG REF: 000/ OTH REF: 000

GC
Card 1/1

GLEBASHEV, G.Ya.

Relation of the shape of resonance absorption curve to temperature.
Uch.zap.Kaz.un. 116 no.1:121-126 '55. (MLRA 10:5)

1.Kafedra eksperimental'noy fiziki,
(Nuclear magnetic resonance)

USSR / Magnetism. Magnetic Resonance.

P-7

Abs Jourr : Ref Zhur - Fizika, No 3, 1957, No 6882

Author : Globashev, G. Ya.

Inst : Kazan' State University, USSR

Title : Absorption Curve Moments for Solid Solutions

Orig Pub : Zh. eksperim. i teor. fiziki, 1957, 33, No 3, 312

Abstract : The zero'th (γ_0) second (Δ_2) and fourth (Δ_4) order moments of the absorption resonance curve are calculated in the presence of dipole and exchange interactions between the magnetic particles in solid solutions. It is shown that the ratio $X = \Delta_4 / (\omega_r)^2$ increases with diminishing concentration of paramagnetic ions. See also Abstract 6481.

Card : 1/1

USSR / Magnetism. Magnetic Resonance.

F-7

Abs Jour : Ref Zhur - Fizika, No 3, 1957, No 6381

Author : Glebushov, G. Ya.

Title : Temperature Dependence of the Form of the Absorption Reso-
nance.

Orig Pub : Uch. zap. Kazanskogo un-ta, 1956, 116, No 1, 121 - 126.

Abstract : The dependence of the form of the resonance absorption curve on the temperature was studied by calculating the moments of the absorption curve of the zero'th (ν_0), 1st ($\Delta\nu_1$), 2nd ($\Delta\nu_2$), and 4th ($\Delta\nu_4$) moments of the absorption curve. The analysis was limited to a study of the absorption in crystals with suppressed orbital magnetism, and the action of the internal crystalline field on the electron spins is neglected. The character of the influence of the temperature on the form of the absorption curve is determined by the relationship $X = \Delta\nu_4 / (\Delta\nu_2)^2$, which is calculated with an accuracy to 1st-order terms in $1/kt$. Analysis of the expres-

Card : 1/3

USSR / Magnetism. Magnetic Resonance.

P-7

Abs Jour : Ref Zhur - Fizika, No 3, 1957, 6831

Abstract : sion for X shows that: a) the dipole temperature effect (which depends only on the dipole interaction) causes X to increase with diminishing temperature, which should lead to a narrowing of the absorption curve; b) the exchange temperature effect depends on the sign of the exchange coefficient, but for paramagnetic substances it should also lead to a narrowing of the curve. The paramagnetic temperature effect thus acts like the exchange-narrowing effect. The expression for X does not depend on the intensity of the permanent magnetic field H . The dependence on H gives a moment of first-order. It turns out that $\Delta\mu$ is proportional to H . This indicates that the absorption curve is not symmetrical but increases with increasing H of the ion (and with diminishing temperature). The exchange temperature effect (ξ) can give a qualitative description of the temperature variation of the absorption curve in ferromagnetic and anti-ferromagnetic materials. The ratio X should increase for resonance absor-

Card : 2/3

USSR / Magnetism. Magnetic Resonance.

P-7

Abs Jour : Ref Zhur - Fizika, No 3, 1957, 6831

Abstract : tion curves in ferromagnetics and should diminish for anti-ferromagnetic resonance absorption curves with diminishing temperature. This is experimentally confirmed (Bloembergen N., Physical Review, 1950, 76, 572). See also Abstract 6882.

Card : 3/3

(GLC R100) V 271

AUTHOR GLEBASOV, G. JA. PA - 2062
TITLE On the Shape of Resonance Paramagnetic Absorption Curve in Crystals
(O forme krivych rezonansnoj paramagnitnogo pogloščenija v kristallich)
PERIODICAL Zhurnal Eksperimental'noi i Teoret. Fiziki, 1957, Vol. 32, Nr 1
pp 82-86 (U.S.S.R.)
Received 3/1947 Reviewed 4/1/1957
ABSTRACT The treatise in question examines the problem of the sufficiency of the narrowing effect of the exchange forces, for this purpose the sixth moment of the resonance curve of absorption in strong static fields is calculated. The sixth moment. Computation of this moment is discussed step by step and for the normed moment of the sixth grade the following formula is found.
 $\gamma_6 = - \text{Sp } U_6^2 / h^6 \text{ Sp } S_x^2$. The expression for the trace $\text{Sp } U_6^2$ cannot be mentioned within the scope of this work because of its volume. The moment of sixth order can be briefly written down in the following form.
 $\gamma_6 = \bar{\gamma}_2^6 + 15\bar{\gamma}_4^4 \bar{\Delta}\gamma_2 \bar{\Delta}\gamma_4 + \bar{\Delta}\gamma_6$. Here $\bar{\Delta}\gamma_2$, $\bar{\Delta}\gamma_4$, and $\bar{\Delta}\gamma_6$ denote the normed moments of the second, fourth, and sixth order respectively with respect to the LARMOR-frequency. This applies to such crystals in which the magnetic ions form a simple cubic lattice and in which the magnetic field is directed along the main axis of the crystal. Exchange interaction was taken into account only for adjoining particles because the exchange forces decrease quickly with increasing distance. The value of the moment of sixth order obtained after rather difficult calculation is here explicitly given.
Comparison with the experiment and discussion of results. For the verification of the sufficient exchange-dependent narrowing the interchange

Card 1/2

PA - 2062

On the Shape of Resonance Paramagnetic Absorption Curve in Crystals.

coefficients are here determined by comparing the calculated moments of fourth and sixth order with the corresponding experimental moments. It is more advantageous not to compare the moments but the ratios $X = \Delta\gamma_4 / (\Delta\gamma_2)^2$ and $Y = \Delta\gamma_6 / (\Delta\gamma_2)^3$. The numerical values for these ratios are mentioned here. Mostly the experimental curves of the absorption in such substances are concerned in which the spin of the particles is $S = 1/2$, $3/2$, and $5/2$. The ratios X and Y are given for these values of S. The ratios X and Y were determined from the experimental curves of absorption. By comparison of theoretical and experimental values the interchange coefficients $(A/\epsilon)_4$ and $(A/\epsilon)_6$ were determined and results are shown by a table. The interchange coefficients A_4 and A_6 agree quite satisfactorily, if the particles of the substances examined have the spin $S=1/2$. With the other matters (with $S > 1/2$) these quantities differ to a larger extent. The exchange coefficients with paramagnetic substances found are small. By consideration of the real crystalline structure the moments are not considerably changed.

ASSOCIATION Kazan State University
PRESENTED BY
SUBMITTED
AVAILABLE Library of Congress
Card 2/2

L 41386-65 ENT(d)/T IJP(c)
ACCESSION NR: AR5009685

UR/0058/65/000/102/1006/1006

SOURCE: Ref. zh. Fizika, Abs. 2B63

AUTHOR: Glebashev, G. Ya.

TITLE: On the motion of atomic systems in a magnetic field

CITED SOURCE: Sb. Itog. nauchn. konferentsii Kazansk. un-ta za 1968 g. Kazan.

"APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000500020014-9

Kazanek. un-t, 1963, 17-19

TOPIC TAGS: Hamiltonian function, atomic system, transport motion, relative motion, atomic system motion

TRANSLATION: A study is made of the motion of a multi-electron atomic system in a homogeneous magnetic field. The question deals with the separation of the Hamilton operator of the atomic system into Hamiltonians of the transport and relative motions (without account of the spin-orbit interaction).

SUB CODE: GP

ENCL: 00

CC
Card 1/1

APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000500020014-9"

KRISCIUNAS, Jonas; GLEBAVICIENE, S., red.; LUKOSEVICIUS, St., tekhn.
red.

[Bee culture] Bitinkyste. Vilnius. Valstybine politines ir
mokslines literaturos leidykla, 1961. 662 p.
(MIRA 15:3)
(Bee culture)

LUKOSEVICIUS, A.; STARAS, I.; DAGYS, J., red.; IVANAUSKAS, T., prof. red.; KRIAUCIUNAS, J., red.; MACYS, J., red.; MINKEVICIUS, A., red.; MISEVICIUTE, A., red.; STARAS, I., red.; TUINYLA, V., red.; URBONAS, A., red.; GIERAVICIENE, S., red.; ANAITIS, J., tekhn. red.

[Lithuanian pomology] Lietuvos pomologija. Red. V. Tuinyla.
Vilnius, Valstybine politines ir moksline literaturos
redakcija, 1962. 43 p. (MIRA 16:8)

I. Lietuvos sodininkystes draugija.
(Lithuania--Fruit--Varieties)

"APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000500020014-9

RECORDED, 1960, BY THE FBI, NEW YORK CITY.

RECORDED ON 1960-07-10, NEW YORK CITY, NY.
TRANSMISSIONS FROM A DIPLOMATIC CABLE, COMMUNICATED
TO THE U.S. EMBASSY IN KABUL, AFGHANISTAN, BY THE
AFGHANISTAN GOVERNMENT.

APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000500020014-9"

"APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000500020014-9

SECRET//NOFORN

SECRET//NOFORN

APPROVED FOR RELEASE: 09/24/2001 CIA-RDP86-00513R000500020014-9"

KELLY, A.; HEDBERG, S., and

Paracanthium, *Complexum*, *Imperiale*, *Imperiale*, *Imperiale*,
Imperiale, *Ulinum*, *Radicans*, *Ulinum*, *Ulinum*, *Ulinum*, *Ulinum*

BARPHIRAG, J. - MARCH 1968 - PUNJAB, INDIA - CHAMBIKHO, PUNJAB, INDIA

(Protecting young children from different 'Gavil' groups
appearing in the surrounding villages, Lakhia, Punjab, India,
1968. [In littoralan])

ZAKĘSKI, Karol; GLAŻER, Tadeusz; GŁABOŃSKI, Edward.

Influence of environment factors on the development and health
of chestnut trees. Prace nauk roln i leśn 17 no. 1:47-65 '64.

1. Department of Phytopathology, College of Agriculture, Poznań.

GLEBEN', L. K.

"Selection Work with Sheep of the Askaninskiy Breed"

Doklady Vsesoyuz Ordyna Lenina Akademii Sel'skokhozyaystvennykh Nauk imeni V. I. Lenina
Vol 1, 1956, Moscow,

L 63987-65 ENT(1)/EWA(j)/EWA(b)-2 JK

UR/0295/05/010/003/0075/0079

10
B

ACCESSION NR: AP5017086

AUTHOR: Glebezdin, V. S.

TITLE: Age-related and seasonal dynamics of infestation of chickens with coccidia in Turkmenistan.

SOURCE: AN TurkmenSSR. Izvestiya. Seriya biologicheskikh nauk, no. 3, 1965, 75-78

TOPIC TAGS: coccidium, protozoan, parasitology

ABSTRACT: Six species of coccidia are found in chickens in Turkmenistan--*E. tenella*, *E. maxima*, *E. mitis*, *E. acervulina*, *E. praecox*, and *E. meleagridis*. The first four infest all age groups. The rate of infestation varies with the season of the year and age of the fowl. The peak occurs in May, the minimum in August-September. Among the experimental animals, 28% of the 10-day-old chicks had oocysts; 15- to 30-day-old--100%; 3-month-old--65%; 7- to 12-month-old--68-70%. Orig. art. has 4 tables.

ASSOCIATION: Institut zoologii i parazitologii AN TurkmenSSR (Institute of Zoology and Parasitology, AN TurkmenSSR)

Card 1/2

L-63987-65

ACCESSION NR: AP5017086

SUBMITTED: 03Aug64

NO REF Sov: 003

ENCL: 00

SUB CODE: LS

OTHER: 000

dm
Card 2/2

"APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000500020014-9

GLEBEZDIN, V.S.

Spontaneous chicken cox dia and their effect on the growth and development of chicks. Izv. Akad. Nauk SSSR Ser. Biologicheskaya 1980 No. 165.

1. Institut zoologii i ornitologii im. N. M. Privalova RAS

APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000500020014-9"

"APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000500020014-9

APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000500020014-9"

Polish Technical Abst.
No. 4, 1953
Mechanics, Electro-
technics, Power

2410 ✓
Glewicki K.
Instruments

621.3.082.16:629.13.053.13

Certain Problems Relating to Aircraft Gyro

Niektore zagadnienia dotyczace lotniczych przyrzadow
zyroskopowych. Przeglad Mechaniczny. No. 11, 1952,

pp. 448-450, 7 figs., 1 tab.

Aircraft instruments, designed on the principle of a
gyroscope, constitute one of the instances of tiny
devices called upon to perform highly important services.
The author deals with the segregation into groups of
aircraft, gyro instruments, and with the principle of
ball-bearing design in such instruments, special reference
being made to manufacturing tolerances and to their
influence on the accuracy of the instrument. He also
deals with the balancing of masses rotating at high
speed, and with devices for dynamic balancing.

6116152

GLEBICKI, K.

D R - 4
817/5-4

8

Index
Aeronauticus
March 1954
Mechanics -
General

13103 531.797.11 :620.43.05
Selection and Manufacture of Tech. Letn.
Bourdon Tubes for Aircraft 8(5), 140-143
Instruments Sept./Oct., 1953
K. Glebicki ✓ Poland
The author analyzes various formulae (Lorentz, v.Kirman, Feodossieff) for the deflection of Bourdon tubes, and describes method of design and production. (Bibl.3)

GLEBICKI, K.

Design and manufacture of bellows for aircraft instruments, p.16'. (TECHNIKA LOTNICZA,
Warszawa, Vol. 9, No. 5, Nov./Dec. 1954)

SO: Monthly List of East European Accessions, (ZPAL), LC, Vol. 4, No. 6, June 1955,
Uncl.

GLEBICKI, KAZIMIERZ.

Wyposażenie samolotu. (Wyd. 1.) Łódź, Państwowe Wydawn. Naukowe.
(Skrypty dla szkol wyższych) (Airplane equipment; a university
textbook. 1st ed. bibl., diagrs., graphs, tables)
Vol. 1. (Deck devices and their construction in airplanes) 1955.
509p.

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, no. 3,
March 1956

Aircrew and aircraft code numbers determined by U.S. Embassy, Tunis.

1. OSA (Recruit Inform. - 1.1, 1.2, 1.3, 1.4, 1.5, 1.6, 1.7, 1.8, 1.9)

Monthly Index of Air War (Declassified - C.I.A. T-7, P-12)
February 1973

1(2)

PHASE I BOOK EXPLOITATION

POL/2356

Giebicki, Kazimierz

Wyposażenie samolotu. Cz. II: Hydraulyczne i pneumatyczne instalacje energetyczne na samolocie (Aircraft Equipment. Pt. 2: Hydraulic and Pneumatic Power Systems on Aircraft) 2d ed., rev. and enl. Łódź, PWN, 1953. 432 p. 1,070 copies printed. No additional contributors mentioned.

PURPOSE: This is a textbook for students of the aviation department of the Warsaw Institute of Technology. It may also be useful to industrial workers interested in aircraft equipment production.

COVERAGE: The textbook "Aircraft Equipment" Part 2 describes hydraulic and pneumatic systems of modern aircraft and their power source. The textbook is an enlarged version of material taught in courses of the Aviation Department of the Warsaw Institute of Technology. Electrical equipment and compressors are not included. The author lists the following aircraft equipment controlled by hydraulic and pneumatic systems: aircraft flight control devices, landing gear and shutters, front wheel control, wheel brakes, aerodynamic brakes, bomb bay doors, stairs, windshields, regulation of seats, photographic equipment, cock-

Card 1/11

Aircraft Equipment, Pt. 2: Hydraulic (Cont.)

POL/2356

pit compressors, generators, armament, radio aerials and navigation devices, sealing of the cockpit, emergency emptying of tanks, fuel valves, afterburner diffusors, remote lubrication, anti-acceleration devices. The author states that design of the hydraulic equipment of high-speed aircraft requires 13 percent of the total design time. He mentions that engineer Janusz Pasierski has elaborated a graphical method of calculating aircraft hydraulic systems. There are 6 references: 3 Soviet, 2 English, and 1 Polish.

TABLE OF CONTENTS:

Preface to the Second Edition	3
Ch. I. General Information on Aircraft Power Equipment	
1. Comparison of various kinds of power systems	7
1.1 General comparison	7
1.2 Weight comparison	10
1.3 Comparison of other properties of power systems	16
2. General principle of operation of hydraulic systems	21
3. Skeleton diagrams of the operation of a hydraulic system	23

Card 2/11

Aircraft Equipment, Pt. 2: Hydraulic (Cont.)

POL/2356

3.1 Normal operational systems	23
3.2 Damaged circuits	27
3.3 Additional circuits	32
4. Basic diagram of a pneumatic system	32
5. The problem of the choice of a working pressure	34
Ch. II. Hydraulics of the System	
1. Properties of fluids used in hydraulic systems	37
1.1 Physical properties	37
1.1.1. Specific weight and density	37
1.1.2. Viscosity and lubricating qualities	38
1.2 Requirements for fluids in hydraulic systems	47
1.3 Fluids and mixtures used in hydraulic systems	48
2. Flow resistance	51
2.1 Flow resistance in pipes	52
2.2 Local flow resistance	55
2.3 Flow through fissures	56

Card 3/11

Aircraft Equipment, Pt. 2: Hydraulic (Cont.)

POL/2356

2.3.1	Flow through centric and eccentric fissures	56
2.3.2	Adhesion of liquid to the walls of fissures	71
2.3.3	Dependence of efficiency on the width of the fissure	73
2.3.4	Application of transversal channels	75
2.4	Aeration of fluid in a hydraulic system	76
2.5	Velocity of a hydraulic impulse	78
2.6	Hydraulic shock	79
3.	Pneumatic systems	80
3.1	Physical properties of air	80
3.2	Flow resistance in pneumatic systems	82
3.3	Development of work in a simple pneumatic circuit	85
Ch. III.	Sources of Energy	89
1.	Hydraulic pumps	90
1.1	Characteristics of hydraulic pumps	90
1.1.1.	Volumetric losses. Volumetric efficiency	90
1.1.2.	Required moment and power	92
1.1.3.	Mechanical losses. Mechanical efficiency	94
1.1.4.	Total efficiency	95

Card 411

Aircraft Equipment, Pt. 2. : Hydraulic (Cont.)

POL/2356

1.1.5. Characteristics of efficiency and torque	97
1.1.6. Influence of various elements on the efficiency of pumps	99
1.2 Types of hydraulic pumps	100
1.2.1. Gear pumps	102
1.2.2. Screw pumps	110
1.2.3. Piston pumps	112
1.2.3.1. Hand-driven piston pumps	114
1.2.3.2. Axial piston pumps with mechanical drive	116
1.2.3.2.1. Pumps with a rotating body	116
1.2.3.2.2. Axial piston pumps with an immobile body	123
1.2.3.3. Radial piston pumps	127
1.2.4. Bladed pumps	136
1.2.5. Pumps with a variable output	139
2. Air compressors	143
3. Protection of hydraulic pumps from overcharge	149
3.1 Devices automatically disengaging the pump drive	152
3.2 Hand-operated device engaging the pump for a short period	152

Card 5/11

APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000500020014-9"

Aircraft Equipment, Pt. 2. :: Hydraulic (Cont.)

POL/2356

3.3. Mechanically-operated device engaging the pump for a short period	"	153
3.3.1. Automatic pressure control		153
3.3.2. Automatic timer		158
4. Protecting compressors of pneumatic systems from overcharge		159

Ch. IV. Activating Mechanisms

1. Activating component		161
1.1. Activating component with linear motion		161
1.1.2. Packing of activating components		165
1.1.2.1. Types and working conditions of packings		167
1.1.2.2. Friction in packings		173
1.1.2.3. Influence of pulsating pressure on packings		178
1.1.2.4. Installation of packings		179
1.1.2.5. Packing pneumatic activating components		184
1.1.3 Internal device for stopping the piston in the activating component		186
1.1.3.1. Latch locks		186
1.1.3.2. Ball locks		188

Card 6/11

Aircraft Equipment, Pt. 2. : Hydraulic (Cont.)

POL/2356

1.1.3.3. Finger and segment locks	194
1.1.4. Dampers of the piston's final motion	196
1.1.5. Design of the activating component	201
1.1.6. Activating component of the pneumatic system	209
1.1.7. Problems connected with pneumatic activating components	211
1.2. Activating component with a rotational motion	216
2. Hydraulic engines	217
2.1 Properties, r.p.m. and efficiency of drives with hydraulic engines	220
2.2 Examples of hydraulic engine design	224
2.3. Pneumatic engines	227
2.4. Individual driving assemblies	228
Ch. V. Distributors	
1. Direct-drive distributors	229
1.1. Rotating distributors	231
1.2. Piston distributors	231
1.3. Valve distributors	243
2. Remote control distributors	248

Card 7/11

Aircraft Equipment, Pt. 2. : Hydraulic (Cont.)

POL/2356

3. Distributors with return compression	250
4. Distributors in pneumatic systems	254
Ch. VI. Valves	
1. Maximum valves	256
1.1. Valves with fixed seats	257
1.2. Valves with moving seats	263
1.3. Maximum valves of pneumatic systems	265
1.4. Differential valves	265
2. Reduction valves	267
2.1. Reduction valves in pneumatic systems	271
3. Return valves	272
4. Switch valves	273
5. Special valves	275
Ch. VII. Various Units of Power	
1. Locks	278
1.1. Hydraulic locks	278
1.2. Mechanical locks	280
2. Valves for lowering landing gear under its own weight	282

Card 8/11

Aircraft Equipment, Pt. 2. I: Hydraulic (Cont.)

POL/2356

3. Control of the operation sequence	284
4. Regulation of the velocity of operating mechanisms	286
5. Synchronization of motions of operating mechanisms	290
6. Pressure transmitters	293

Ch. VIII. Elements of a Power System Network

1. Reservoirs	295
2. Power storage	299
2.1 Power storage in hydraulic systems	299
2.2 Power storage in pneumatic systems	304
3. Filters	305
4. Conduits	310
4.1. Rigid pipes	311
4.2. Connection of conduits with components of the system	313
4.3 Flexible conduits	317
4.4 Rigid conduits	319
4.5 Attachment of conduits to the aircraft structure	322

Card 9/11

Aircraft Equipment, Pt. 2. .: Hydraulic (Cont.)

PCL/2356

Ch. IX. Installing Power Systems on Aircraft	324
1. Installing landing gear control and the wing mechanization of	325
1.1. Hydraulic systems	326
1.2. Pneumatic systems	335
2. Installing landing gear wheel brakes	343
2.1. Hydraulic brake systems	346
2.1.1. Brake system distributors	346
2.1.2. Safety valves	350
2.1.3. Lowering pressure in the brake system	351
2.1.4. Examples of brake systems	352
2.1.5. Braking automation	355
2.2. Pneumatic brake systems	357
3. Servosteering systems	361
3.1. Intensifiers of the servosteering system	362
3.2. Reaction on the steering device	370
3.3. Defective setting in motion of the servosteering system	374
3.4. Location of servosteering apparatus on the aircraft	375
4. Various kinds of installations on aircraft	375
4.1. Drive of radiator shutters	375

Card 10/11

Aircraft Equipment, Pt. 2. §: Hydraulic (Cont.)

POL/2356

4.2. Control of the r.p.m. of the supercharger	376
4.3. Control of bomb bay doors	377
4.4. Other applications of the power system	379
Ch. X. Principles of Designing Aircraft Power System	381
1. Calculation of activating mechanisms	384
1.1. Determination of the external forces and dimensions of activating components	384
1.2. Motion parameters of hydraulic activating mechanisms	391
1.3. Motion parameters of pneumatic activating mechanisms	397
1.4. Approximate dimensions of an activating component	403
2. Determination of efficiency of sources of energy	404
3. Conduits	407
4. Hydraulic computation	407
4.1. Graphic method of computating resistance to flow in hydraulic systems	408
5. Location and mounting the system on an aircraft	411
6. Tests of the system	412
7. Numerical data	413
rd 11/11 Bibliography	427

AVAILABLE: Library of Congress

IS/fal
10-7-59

"APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000500020014-9

APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000500020014-9"

1(1)

PHASE I - PLATE EXPLOITATION

POL/3192

Głębicki, Kazimierz.

Wyposażenie samolotu. Cz. 1: Przyrządy pokładowe i ich zabudowa na samolocie (Aircraft Equipment. Pt. I. Airborne Instruments and Their Installation) 2d ed., rev. Łódź, PWN, 1959. 583 p. 1,070 copies printed.

PURPOSE: This textbook is intended for students in higher technical schools. It will be of interest to all technicians concerned with aircraft instruments.

COVERAGE:- This textbook treats the purpose, operation, installation, and maintenance of aircraft instruments. Chief causes of instrument failure and error are indicated. Tables are included for instrument checking. No personalities are mentioned. There are 21 references; 15 Russian, 2 English, 2 German, and 2 Polish.

TABLE OF CONTENTS:

Preface	3
Card 1/17	

"APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000500020014-9

GLEBICKI, K.

"Small mechanisms and precision instruments - basic for construction"
by Wladyslaw Trylinski. Reviewed by K. Glebicki. Pomiary 8 no.4:208-209
Ap '62

APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000500020014-9"

"APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000500020014-9

L 41329-65

ACCESSION NR: AP4042119

the same time base. The gyroscope unit maintains the vertical reference axis with an

APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000500020014-9"

L 41329-65

ACCESSION NR: AP4042119

ASSOCIATION: Katedra osorzkatu Iointokseen Politekniikka

L41329-65

ACCESSION NR: AP4042119

INCLOSURE: 02

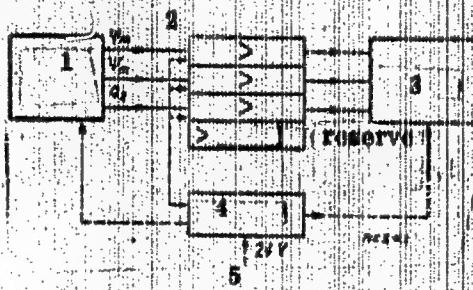


Fig. 2. Block diagram of the measuring system. 1 - gyroscope unit, 2 - Amplifiers, 3 - Recorder, 4 - dc to ac converters, 5 - Accumulators.

Card 5/6

L 41329-65
ACCESSION NR: AP4042119

ENCLOSURE: 03

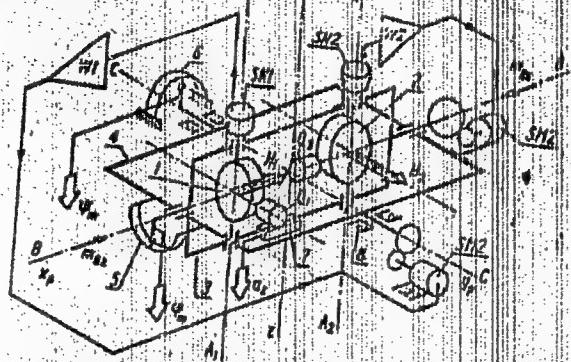
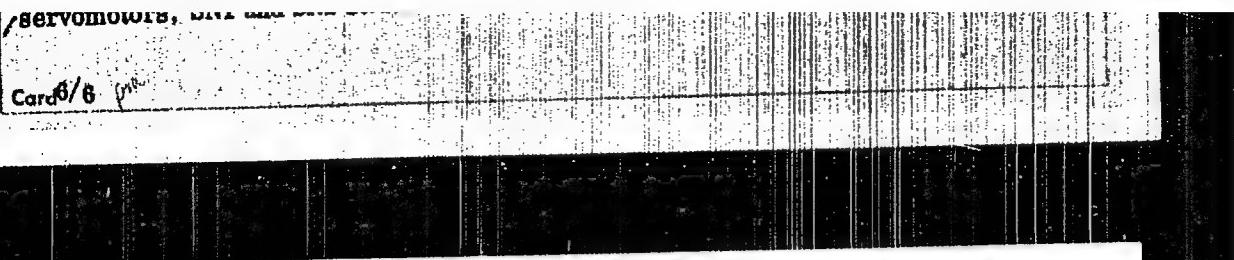


Fig. 3. Schematic diagram of the gyroacope system. 1, 2 - gyroscopes; 3 - internal frame; 4 - external frame; 5 - sensor for measuring ψ ; 6 - sensor for measuring Θ ; SM1 and SM2 -



GLEBICKI, T.; JALOWIECKA, K.; SYM, E.

Developmental metabolism of tubercle bacilli of strains H37Rv and
L cultivated on the DGK medium. General character of the metabolism
of the tubercle bacillus. Bull. State Inst. Marine Trop. N. Gdansk
3 no.1-2:35-48 1950. (CIML 20:7)

I. Of the State Institute of Marine and Tropical Medicine, the Polish
Tuberculosis Institute and the Phthisiologic Clinic of Gdansk Medical
Academy.

GLEBICKI, T.; JATOWIECKA, D.; SYM, E.A.

Developmental metabolism of *Mycobacterium tuberculosis* of H37Rv and L strains, cultured on DGK medium; general metabolic characteristics of *Mycobacterium tuberculosis*. Gruzlica, Warszawa 18 no.3-4:413-426
July-Dec 50.
(CLML 20;7)

1. Of the National Institute of Marine and Tropical Medicine, Institute of Tuberculosis and Phthisiatric Clinic of Gdansk Medical Academy.

GLEBICKI, T.;SYM, E.A.

Method of culture of *Mycobacterium tuberculosis* on filter paper.
Gruzlica, Warsz. 20 no.3:303-312 May-June 1952. (CIML 23:2)

1. Of the Department of Biochemistry of the Institute of Tuberculosis
(Director--Prof. J. Misiewicz, M.D.) and of the Institute of General
Chemistry of Warsaw Medical Academy.

LASSOTA, Z.; GLEBICKI, T.; SZARKOWSKA, L.; SZARKOWSKI, J.

Effect of antituberculous substances on *Mycobacterium tuberculosis*
studies in the Sym's apparatus. Gruzlica 20:6 Suppl. 2:98-100 1952.
(CIML 24:2)

I. Warsaw.

GLEBICKI, Tadeusz.

Phosphorus metabolism in *Mycobacterium*. *Acta physiol. polon.* 5 no.4;
605-607 1954.

1. Z Działu Biochemii Państwowego Zakładu Higieny w Warszawie.

Kierownik: prof. dr J. Heller.

(*MYCOBACTERIUM*, metabolism,
phosphorus)
(*PHOSPHORUS*, metabolism,
Mycobact.)